amended, Applicants believe these claims meet the requirements of 35 U.S.C. § 103 in view of Bayer.

Please amend the application as follows:

In the Claims

Please cancel Claims 1, 6, 7, 9-14, 17, 19, 24, and 25.

Please amend Claims 2-5, 8, 15, 18, 20-23, and 26.

2. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and
   c) injection molding a thermoplastic polymer at a surface of the metallized composite.

B

3. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and
   c) blow molding a thermoplastic polymer at a surface of the metallized composite.

Sub C7

4. (Twice Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and
   c) thermoforming the metallized composite.

5. (Twice Amended) A method for forming a metallized composite, comprising the steps of:

a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;

b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and

c) vacuum-forming the metallized composite.

8. (Amended) A method for forming a metallized composite, comprising the steps of:

a) depositing a metal on a first thermoplastic layer by electron beam evaporation to form a discontinuous layer of said metal that includes indium, said discontinuous layer including discrete islands of metal; and

b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite.

B cont'd

15. (Amended) A method for forming a metallized composite, comprising the steps of:

a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;

b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and

c) bonding said first thermoplastic layer to said second thermoplastic layer by at least partially melting said layers, whereby said layers become a continuous thermoplastic sheet.

18. (Amended) A method for forming a metallized composite, comprising the steps of:

a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;

b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite;

c) bonding said first thermoplastic layer to said second thermoplastic layer by depositing an adhesive on said discontinuous layer of metal and said first thermoplastic layer prior to laminating said second thermoplastic layer onto the discontinuous layer; and

d) curing said adhesive by exposure to ultraviolet light.

20. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite;
   c) bonding said first thermoplastic layer to said second thermoplastic layer by depositing an adhesive on said second thermoplastic layer prior to laminating the second layer onto the discontinuous layer, whereby said adhesive is trapped between said first and second thermoplastic layers of the metallized sheeting; and
   d) curing the adhesive by exposing to ultraviolet light.

21. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer by transferring said metal from a substrate applied to said first layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal; and
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite, wherein said discrete islands of metal are encapsulated by said thermoplastic layers.

B cont'd

22. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and
   c) embossing said metallized composite.

Sub C1

23. (Amended) A method for forming a metallized composite, comprising the steps of:
   a) depositing a metal on a first thermoplastic layer to form a discontinuous layer of said metal, said discontinuous layer including discrete islands of metal;
   b) laminating a second thermoplastic layer onto said discontinuous layer to form said metallized composite; and
   c) folding said metallized composite.

26. (Amended) A method for forming a metallized composite, comprising the steps of: